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APPLICATION NO.	. F.	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/664,916		09/22/2003	Koichiro Tanaka	0756-7197 5108	
31780	7590	08/22/2006		EXAMINER	
ERIC ROI	BINSON		KUNEMUND, ROBERT M		
PMB 955 21010 SOUTHBANK ST.			ART UNIT	PAPER NUMBER	
POTOMAC FALLS, VA 20165				1722	
				DATE MAILED: 08/22/2000	5

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)	· •				
0.00	10/664,916	TANAKA, KOICHIRO					
Office Action Summary	Examiner	Art Unit					
	Robert M. Kunemund	1722					
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	correspondence address					
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 16(a). In no event, however, may a reply be time fill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed on 01 Ju	ne 2005.						
2a) This action is FINAL . 2b) ⊠ This	This action is FINAL . 2b) This action is non-final.						
3) Since this application is in condition for allowan	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 45	53 O.G. 213.					
Disposition of Claims							
4) Claim(s) <u>1,3,5,7,9,11-37,39,41,42,44,45 and 47</u>	7-54 is/are pending in the applica	ition.					
4a) Of the above claim(s) is/are withdraw	n from consideration.						
5) Claim(s) is/are allowed.							
6)⊠ Claim(s) <u>1,3,5,7,9,11-37,39,41,42,44,45 and 47-54</u> is/are rejected.							
7) Claim(s) is/are objected to.							
8) Claim(s) are subject to restriction and/or	election requirement.						
Application Papers							
9)☐ The specification is objected to by the Examiner							
10)☐ The drawing(s) filed on is/are: a)☐ acce	epted or b) objected to by the E	Examiner.					
Applicant may not request that any objection to the o	* * * *	· ·					
Replacement drawing sheet(s) including the correcti							
11) The oath or declaration is objected to by the Exa	aminer. Note the attached Office	Action or form P1O-152.					
Priority under 35 U.S.C. § 119							
12) Acknowledgment is made of a claim for foreigna) All b) Some * c) None of:		-(d) or (f).					
1. Certified copies of the priority documents							
2. Certified copies of the priority documents							
3. Copies of the certified copies of the priori	· ·	ed in this National Stage					
application from the International Bureau * See the attached detailed Office action for a list of	· · · · · · · · · · · · · · · · · · ·	d					
See the attached detailed Office action for a list of	or the certified copies flot receive	u.					
Attachment(s)							
Notice of References Cited (PTO-892)	4) Interview Summary						
2)	Paper No(s)/Mail Da 5) Notice of Informal Pa	ate atent Application (PTO-152)					
Paper No(s)/Mail Date see attached paper.	6) Other:						

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DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1, 3, 5, 7, 9, 11, 13 to 37, 39, 41, 42, 44, 45 and 47-54 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tanaka (6,393,042) in view of Okamoto et al (EP 1,063,049) and Yamazaki (6,437,313).

The Tanaka reference teaches a method and apparatus for laser scanning amorphous semiconducting material, note entire reference. The laser scanner comprises a laser source such a YAG or Ar laser. The beam travels through a homogenizer to create a linear bean, note figure 1. The bean then hits the amorphous materials, which is on a movable stage. The laser can be an eximer laser. The beam crystallizes the amorphous material such as silicon, note examples. The sole difference between the instant claims and the prior art is the reflective surfaces facing each other and lens. However, the Okamoto et al reference teaches a laser scanning apparatus and method where the beam is treated by passing through two facing reflective surfaces, note pages 5. the Yamazaki et al reference teaches an apparatus and method for laser scanning an amorphous material where the beam travels through a cylindrical lens while being treated prior to scanning the material, note col. 5. It would have been obvious to one of ordinary skill in the art to modify the Tanaka et al reference

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by the teachings of the Okamaoto et al and Yamazaki et al references to use a cylindrical lens in order to optimumize the laser shape and intensity and in order to increase the performance of the laser decreasing scanning times.

Response to Arguments

Applicant's arguments filed June 2006 have been fully considered but they are not persuasive.

Applicants' argument concerning the lens and width is noted. However, the Yamazaki et al reference teaches using a cylindrical lens to control beam width, col. 2.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert M. Kunemund whose telephone number is 571-272-1464. The examiner can normally be reached on 8 hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta can be reached on 571-272-1312. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000

Robert M Kunemund Primary Examiner Art Unit 1722

RMK